



CITY OF MARATHON FIRE RESCUE OFFICE OF THE FIRE MARSHAL



8900 Overseas Hwy.
Marathon, FL 33050

"Dedicated to Community Fire Protection"

Emergency 911 Office 305-289-8938 Fax 305-289-9834

Site Plan Review Checklist

The following Site Plan Review Checklist is required information for permit. Use of this form does not guarantee that plans will be accepted on the first submittal, but will aid in reducing the number of resubmittals required due to lack of information or conflicting information being provided. **This checklist should not be considered to be all inclusive. Additional information may be required. Use of this checklist will not eliminate the requirement for a good knowledge and understanding of NFPA 72, National Fire Alarm Code, NFPA 70, National Electrical Code, NFPA 13, Standard for the Installation of Fire Sprinkler Systems, and/or other appropriate NFPA standards, Florida Building codes (FBC), Life Safety Code NFPA 101, and the ordinances established by the City of Marathon**

Note in Site Data Table:

- Square footage – If there are multiple structures, list each one separately.
- Number of stories of each building being constructed. **P**
- Indicate actual height of each structure. **P**
- Indicate type of construction per the Florida Building code, and whether the structures are of protected or unprotected construction. **P**
- “Proposed project shall be protected by an approved automatic fire sprinkler system and monitored by a central or remote station”. **P**
(Fee Simple Townhomes and single family homes are exempt from monitoring. This exemption must be noted on the plan).
- If a project has a combination of structures that are to be sprinkled and non-sprinkled, list each structure not being sprinkled. **P**
- During construction, stabilized access roads and a suitable water supply acceptable to the Fire Department shall be provided and maintained. **F**
- Address numbers shall be provided in accordance with the Land Development Marathon Code of Ordinance 6-24 F
- Indicate if standpipes are being installed. **F**

Fire Hydrants - P

- Fire hydrants shall be installed according to the following schedule:

Single Family Detached Residential Non-Fire Sprinkler Protected:

500 feet between fire hydrants

No building further than 250 feet from a hydrant.

Single Family Detached Residential with approved Fire Sprinkler Protection:

800 feet between fire hydrants

No building further than 400 feet from a fire hydrant.

All other Non-Fire Sprinkler Protected Buildings:

350 feet between hydrants

No building further than 175 feet from a fire hydrant.

All other buildings Protected by an Approved Fire Sprinkler System

500 feet between hydrants.

No building further than 250 feet from a hydrant.

- The required distance between all hydrants shall be measured along the road right-of-way, approved access easements or approved access routes, as a fire apparatus would travel. Distances shall not be measured across private property not designed and approved for fire department access. Fire hydrants shall not be accessed across medians or major roadways unless specifically approved by the fire marshal.

- Clearance around fire hydrants shall be 7' 6" feet.

Fire Lines - F

- Fire lines are to be shown entering the structure and terminating 1' above finished floor. **Florida State Statute 633.539(3)**

- Note on Plan: Fire line to terminate 1' above finished floor.

- A single fire line serving multiple structures may require additional valves.

- Note on Plan: Fire sprinkler contractor to determine size of underground fire line, backflow preventer and type of pipe. (Do not indicate any sizes or type of pipe on the plan).

- Provide a valve on fire line at tap or tee.

- Indicate the point of service for the fire line. **Florida State Statute 633**

- A fire line being installed between a structure and property line with minimal distance in between will only be allowed with approval from the AHJ.

- Approval is needed for fire lines passing under or through retention ponds.

NFPA 13D Fire Sprinkler Systems - F

In lieu of a fire line, a note can be placed on the utility sheet indicating a 13D fire sprinkler system will be installed. A fire sprinkler contractor will need to determine the minimum size water meter, and this information will need to be noted on the plan. (Note: The City has pre-approved options for water meter and underground fire sprinkler connections for one-and two-family dwellings and townhomes.)

Fire Department Connection - F

Indicate proposed location of fire sprinkler system Fire Department Connection. (Not to be placed in front of parking spaces. No landscape or signs to be located in front of FDC. FDC to be fully accessible and located in close proximity to the fire hydrant.

Automatic Fire Sprinkler Systems - P

No water meters or flow measuring devices shall be installed on any main serving a fire hydrant, standpipe system or fire sprinkler system. **Coordinate with Florida Keys Aqueduct Authority.**

Exception: Approved backflow prevention assembly master meters. Water measuring devices for fire lines shall be approved by Factory Mutual or Underwriters Laboratory.

Backflow preventers on projects that are master metered shall be listed for private fire use.

Fire Flow Calculations-F

Fire flow calculations in accordance with NFPA 1/FFPC will be required for unsprinklered buildings, buildings protected with a 13R fire sprinkler system or large fire sprinkler protected buildings. (Rule of Thumb: Existing unsprinklered buildings undergoing a change of use greater than 5,000 square feet, all NFPA 13R Type V buildings greater than 10,000 square feet and all NFPA 13 buildings greater than 100,000 square feet.)

Fire Lanes - F

Provide location of fire lanes (marked fire apparatus roads) and fire lane marking details on plans.

Radius and Roadways - P

Provide a minimum 42 ft curb radius at driveways. Reference City of Marathon Turning Radius requirements

Provide minimum 13' 6" vertical clearance for all canopies and road overhangs. **NFPA1 (2009) 18.2.3.4.1.2.**

Indicate the width of any bypass lanes from the edge of the canopy to the edge of pavement. (14' minimum required)

Fire Department Access Roads - P

Fire department access roads shall have an unobstructed width of not less than 20'. **NFPA 1 (2009) 18.2.3.4.1.1**

Fire department access roads shall be within 50' of at least one exterior door providing access to the interior of a structure. **NFPA 1 (2009) 18.2.3.2.1**

Fire department access roads shall be within 150' of any portion of the exterior wall of the first story of the structure. **NFPA 1 (2009) 18.2.3.2.2**

In structures with an automatic fire sprinkler system, the distance is permitted to be increased to 450'. **NFPA 1 (2009) 18.2.3.2.2.1**

Dead end fire department access roads in excess of 150' in length shall be provided with an approved turn around. **NFPA 1 (2009) 18.2.3.4.4**

Security Gates - F

Show all security gates being installed. Indicate manual or electric gate and direction of roll or swing.

All swing gates must be shown on plan (to scale) with the gates in the open position.

All gates being installed are required to have "EVAC" installed

P=Information to be provided on the Preliminary Plan.

F=Additional information to be provided on the Final Plan.

I attest that the information noted above has been provided for review and approval and take full responsibility for its content.

Signature of contractor or contractor's representative

Date